

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	US-5629093-\$.DID. OR US-5658411-\$.DID.	US-PGPUB; USPAT; JPO	OR	OFF	2009/04/20 14:13
S3	9	US-4721649-\$.DID. OR US-4725494-\$.DID. OR US-3190178-\$.DID. OR US-4025159-\$.DID. OR US-5064272-\$.DID. OR US-5710856-\$.DID. OR US-6066378-\$.DID. OR US-5510171-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:15
S5	1	"11816002"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:22
S6	9	US-3190178-\$.DID. OR US-4025159-\$.DID. OR US-4721649-\$.DID. OR US-4725494-\$.DID. OR US-5064272-\$.DID. OR US-5510171-\$.DID. OR US-5710856-\$.DID. OR US-6066378-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:28
S8	11	JP-06043819-\$.DID. OR WO-9730363-\$.DID. OR EP-0102818-\$.DID. OR JP-2000265012-\$.DID. OR WO-9955791-\$.DID. OR WO-9744769-\$.DID. OR JP-2003029012-\$.DID.	EPO; JPO; DERWENT	OR	OFF	2009/04/20 14:31
S9	2	futoshi.in. near nomura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:36
S11	34	ikuo.in. near mimura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:37
S12	45	S2 or S3 or S6 or S9 or S11	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:27
S13	45	S2 or S3 or S5 or S6 or S9 or S11	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:28
S14	67925	alicyclic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:29
S15	4369	retroreflective	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:29
S16	3	(S8 or S13) and S14	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:29
S17	41	(S8 or S13) and S15	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:29
S18	613	retroreflective.ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:31

## EAST Search History

S19	7	S18 and alicyclic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:31
S21	0	JP-200329012-\$.DID. OR JP-200524990-\$.DID.	EPO; JPO; DERWENT	OR	OFF	2009/04/20 15:35
S23	2	WO-0102883-\$.DID. OR WO-02071376-\$.DID.	EPO; JPO; DERWENT	OR	OFF	2009/04/20 15:36
S24	1	2001-159286.NRAN.	DERWENT	OR	OFF	2009/04/20 15:38
S25	1	2003-048228.NRAN.	DERWENT	OR	OFF	2009/04/20 15:38
S26	1	US-20020142121-\$.DID.	EPO; JPO; DERWENT	OR	OFF	2009/04/20 15:38
S27	3	(S8 or S13) and (aliphatic and cyclic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:40
S28	169	retroreflective.ti. and (aliphatic or cyclic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:41
S29	19	retroreflective.ti. and (aliphatic and cyclic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:42
S33	663	(S8 or S13) or retroreflective.ti. or retroreflecting.ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:48
S35	38937	(cyclo\$1hexadiene or cyclo\$1pentane or vinyl\$1cyclo\$1pentane)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:49
S36	4	S33 and S35	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:49
S37	72	("3712706"   "3924929"   "4188451"   "4340319"   "4349598"   "4455205"   "4478876"   "4486504"   "4491508"   "4588258"   "4596622"   "4682852"   "4726706"   "4735632"   "4753548"   "4755425"   "4797024"   "4814207"   "4844976"   "4875798"   "4885332"   "4895428"   "4906523"   "4908230"   "5053177"   "5073404"   "5104929"   "5126394"   "5258225"   "5368941"   "5374483"   "5391210"   "5418304").PN. OR ("5677050").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:49
S38	0	S35 and S37	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:50
S39	40	S37 and (aliphatic or cyclic or alicyclic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:50

## EAST Search History

S40	0	S37 and ( alicyclic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:50
S41	20	S37 and (aliphatic and cyclic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:51
S42	452	retroreflective.ti. and (acry\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:52
S43	433	S42 not S29	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:53
S44	825	alicyclic near (acry\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:53
S45	2	S44 and retroreflective	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:53
S46	110	("1003443"   "2181252"   "3239478"   "3487567"   "3631617"   "3801183"   "3802724"   "3864855"   "3891242"   "3923198"   "3925584"   "3933304"   "3935960"   "4028165"   "4068028"   "4082873"   "4121003"   "4180929"   "4184701"   "4246307"   "4475661"   "4505399"   "4557505"   "4588465"   "4608288"   "4627642"   "4630891"   "4652473"   "4653113"   "4684554"   "4709396"   "4709397"   "4717615"   "4718553"   "4721217"   "4721638"   "4728377"   "4737559"   "4746556"   "4747620"   "4760919"   "4763931"   "4772650"   "4773677"   "4804096"   "4838708"   "4856857"   "4876123"   "4908285"   "4913504"   "4915994"   "4937040"   "4941196"   "4972953"   "4980222"   "4988547"   "4998666"   "5008139"   "5080463"   "5082702"   "5104471"   "5104719"   "5153042"   "5169707"   "5277971"   "5294470"   "5319475"   "5346259"   "5358281"   "5405692"   "Re24906").PN. OR ("5658411").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:55
S47	35	("3643216"   "3801183"   "3925584"   "4121003"   "4184701"   "4429015"   "4630891"   "4721638"   "4763931"   "4876123"   "5042842"   "5061535"   "5080463"   "5082702"   "5169707").PN. OR ("5629093").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:55
S48	125	S46 or S47	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:56

## EAST Search History

S49	3	S48 and (alicyclic or alicyclical)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:56
S50	2	S48 and (aliphatic and cyclic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:57
S51	79	S48 and (acry\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:57
S54	0	S48 and (S35)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 15:58
S62	22	destructive adj layer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:20
S63	242	damaging adj layer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:22
S65	12	tamper adj layer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:23
S67	242	(S9 or S11 or S13 or S23 or S37 or S46 or S47)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:26
S69	10	S67 and cycloaliphatic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:27
S70	376	(cycloaliphatic near acry\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:42
S71	39711	retroreflective or tamper	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:42
S72	18	S70 and S71	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:43
S74	1422	(cycloaliphatic near5 acry\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:45
S75	37	S74 and S71	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:45
S77	19	S75 not S72	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:45
S78	122	S67 and (retroreflective or tamper) and acry\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 16:51

## EAST Search History

S79	9548	methacrylic near ester	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:23
S80	2	US-5629093-\$.DID. OR US-5658411-\$.DID.	US-PGPUB; USPAT; JPO	OR	OFF	2009/04/23 19:24
S81	9	US-4721649-\$.DID. OR US-4725494-\$.DID. OR US-3190178-\$.DID. OR US-4025159-\$. DID. OR US-5064272-\$.DID. OR US-5710856-\$.DID. OR US-6066378-\$.DID. OR US-5510171-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:24
S82	1	"11816002"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:24
S83	9	US-3190178-\$.DID. OR US-4025159-\$.DID. OR US-4721649-\$.DID. OR US-4725494-\$. DID. OR US-5064272-\$.DID. OR US-5510171-\$.DID. OR US-5710856-\$.DID. OR US-6066378-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:24
S84	2	futoshi.in. near nomura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:24
S85	34	ikuo.in. near mimura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:24
S86	45	S80 or S81 or S82 or S83 or S84 or S85	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:24
S87	1	S79 and S86	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:24
S88	72	("3712706"   "3924929"   "4188451"   "4340319"   "4349598"   "4455205"   "4478876"   "4486504"   "4491508"   "4588258"   "4596622"   "4682852"   "4726706"   "4735632"   "4753548"   "4755425"   "4797024"   "4814207"   "4844976"   "4875798"   "4885332"   "4895428"   "4906523"   "4908230"   "5053177"   "5073404"   "5104929"   "5126394"   "5258225"   "5368941"   "5374483"   "5391210"   "5418304").PN. OR ("5677050").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:27

## EAST Search History

S89	110	( "1003443"   "2181252"   "3239478"   "3487567"   "3631617"   "3801183"   "3802724"   "3864855"   "3891242"   "3923198"   "3925584"   "3933304"   "3935960"   "4028165"   "4068028"   "4082873"   "4121003"   "4180929"   "4184701"   "4246307"   "4475661"   "4505399"   "4557505"   "4588465"   "4608288"   "4627642"   "4630891"   "4652473"   "4653113"   "4684554"   "4709396"   "4709397"   "4717615"   "4718553"   "4721217"   "4721638"   "4728377"   "4737559"   "4746556"   "4747620"   "4760919"   "4763931"   "4772650"   "4773677"   "4804096"   "4838708"   "4856857"   "4876123"   "4908285"   "4913504"   "4915994"   "4937040"   "4941196"   "4972953"   "4980222"   "4988547"   "4998666"   "5008139"   "5080463"   "5082702"   "5104471"   "5104719"   "5153042"   "5169707"   "5277971"   "5294470"   "5319475"   "5346259"   "5358281"   "5405692"   "Re24906").PN. OR ("5658411").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:27
S90	35	( "3643216"   "3801183"   "3925584"   "4121003"   "4184701"   "4429015"   "4630891"   "4721638"   "4763931"   "4876123"   "5042842"   "5061535"   "5080463"   "5082702"   "5169707").PN. OR ("5629093").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:27
S91	0	S79 and (S88 or S89 or S90)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 19:27
S92	128566	alicyclic or cyclo\$1aliphatic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:28
S93	498216	(alicyclic or alicyclical or cyclo or cyclic or cyclo\$1aliphatic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:29
S94	1954	S93 near acryl\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:31
S95	613	retroreflective.ti. or retroflecting.ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:31
S96	2	S94 and S95	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:31
S97	5534	S93 near (resin or resins)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:32

## EAST Search History

S98	6	S95 and S97	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:32
S99	1	metha\$1acrylic near acid near ester	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:39
S10 0	1	metha\$1acryl\$4 near acid near ester	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:47
S10 1	77	metha\$1acryl\$4 near (acid or ester)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:47
S10 2	2	metha\$1acryl\$4 near (acid and ester)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:48
S10 3	25	metha\$1acryl\$4 with (acid and ester)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:49
S10 4	372	(428/41.5).ccds.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:51
S10 5	417	metha\$1acryl\$10	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:51
S10 6	0	S104 and S105	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:51
S10 7	152	S93 and S105	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:52
S10 8	0	S93 near S105	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:52
S11 3	40143	tricyclic or tricyclical or tricyclo\$10	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:56
S11 4	4	S95 and S113	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:56
S11 5	2307	tricyclodecane or tricyclodecaniel	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:58
S11 6	186	S115 near (methacrylate or methacrylic or (meth\$4 near (acrylic or acrylate)))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:59
S11 7	2	S95 and S116	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 18:59

## EAST Search History

S12 0	5168	retroreflective or retroreflecting	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 19:01
S12 1	2	S120 and S116	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 19:02
S12 2	639	retroreflective.ti. or retroreflecting.ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 19:02
S12 4	26	S122 not S95	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 19:02
S12 5	0	S124 and (S94 or S97 or S113 or S116)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 19:03
S12 6	34	ikuo.in. near mimura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/25 12:56
S12 7	1	"20020036359"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/25 13:09
S12 8	1319	yamamoto.in. and optical.ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/25 14:38
S12 9	5	yamamoto.in. and (optical and article).ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/25 14:39
S13 0	4	yamamoto.in. and (optical and article).ti. and cyclopentane	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/25 14:39
S13 2	1	"20020135735" and cyclopentane	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/25 14:40
S13 3	22	destructive adj layer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:18
S13 4	243	damaging adj layer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:18
S13 5	12	tamper adj layer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:18
S13 6	3	(S133 or S134 or S135) and (retroreflective.ti. or retroreflective.clm.)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:18
S13 7	45	(shigeo.in. near yukawa.in.) or (masanobu. in. near tanaka.in.)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:19



## EAST Search History

S13 8	2	(S133 or S134 or S135) and S137	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:20
S13 9	9	("5354512"   "5702813"   "5926310"   "6245399").PN. OR ("6659608").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:28
S14 0	38	(S133 or S134 or S135) and (retroreflective.ti. or retroreflective.clm. or optical.ti. or optical.clm.)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:31
S14 1	1	"20080198461" and surface	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 11:40
S14 2	2605	(428/40.1).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:25
S14 3	372	(428/41.5).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:25
S14 5	3309	(428/343).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:25
S14 6	163	(359/538).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:25
S14 7	137	(359/546).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:25
S14 8	6091	S142 or S143 or S145 or S146 or S147	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:27
S14 9	11	(S142 or S143 or S145) and (S146 or S147)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:27
S15 0	317	S148 and (retroreflective.ti. or retroreflective.clm. or optical.ti. or optical. clm.)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:37
S15 2	39034	(cyclo\$1hexadiene or cyclo\$1pentane or vinyl\$1cyclo\$1pentane)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:37
S15 3	39	S148 and S152	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:37
S15 5	537676	(alicyclic or alicyclical or cyclo or cyclic or cyclo\$1aliphatic or (aliphatic near aromatic))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:39
S15 6	820	S148 and S155	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:39

## EAST Search History

S15 7	75	S148 and S155 and S150	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:40
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